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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/784,798	02/24/2004	Ji-Sung Park	Ji-Sung Park IK-0078 2191 EXAMINER		
34610	7590 02/09/2006				
FLESHNER & KIM, LLP			WRIGHT, INGRID D		
P.O. BOX 221	200				
CHANTILLY, VA 20153			ART UNIT	PAPER NUMBER	
·			2835		
			DATE MAIL ED: 02/00/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No		Applicant(s)				
Office Action Summary		10/784,798		PARK ET AL.				
		Examiner		Art Unit				
		Ingrid Wright		2835				
Period fo	The MAILING DATE of this communication apport	pears on the cove	er sheet with the co	orrespondence a	ddress			
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DANSIONS of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. Of the priod for reply is specified above, the maximum statutory period to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS C 36(a). In no event, how will apply and will expire c, cause the application	OMMUNICATION vever, may a reply be time a SIX (6) MONTHS from to become ABANDONED	. ely filed he mailing date of this () (35 U.S.C. § 133).				
Status								
1)⊠	Responsive to communication(s) filed on 29 N	ovember 2005.						
• —		action is non-fir	nal.					
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is							
7—	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	ion of Claims							
4)⊠	4)⊠ Claim(s) <u>1-23</u> is/are pending in the application.							
•	4a) Of the above claim(s) is/are withdrawn from consideration.							
	Claim(s) 1-19 is/are allowed.							
·	Claim(s) <u>20 and 21</u> is/are rejected.							
	Claim(s) <u>22 and 23</u> is/are objected to.							
	☐ Claim(s) are subjected to: ☐ Claim(s) are subject to restriction and/or election requirement.							
	ion Papers	·						
	•							
,	The specification is objected to by the Examine		d or h)[] objected	I to by the Even	inor			
10)⊠ The drawing(s) filed on <u>24 February 2004</u> is/are: a)⊠ accepted or b)☐ objected to by the Examiner.								
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority (under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachmen	at(s) ce of References Cited (PTO-892)	۸⊏] Interview Summary (PTO-413)				
2) 🔲 Notic 3) 🔲 Infor	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) er No(s)/Mail Date		Paper No(s)/Mail Da Notice of Informal Pa Other:	te	ГО-152)			

DETAILED ACTION

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 20 & 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee et al. (US 6822871 B2) in view of Mizuta et al. (US 2003/0064688 A1).

With respect to claim 20, Mizuta teaches (Fig. 4) a slide type portable telephone, comprising a main unit (200) including a plurality of key sections exposed in a surface of the main unit (200), a slide unit (100) configured to slide along the surface of the main unit (200) to cause the key sections of the main unit (200) to be selectively covered, and a stopper mechanism (301,304) configured to temporarily fix the slide unit (100) at a plurality of positions where the key sections are selectively exposed, wherein the stopper mechanism (301,304) comprises, a plurality of stoppers (304) with protruding projections on one of the main (200) and the slide units (100), and a stopper groove (100c) recessed on the other of the main units (200) and the slide units (100) and configured to removably receive the stopper (304).

Mizuta teaches the stopper grooves (101c), except a second stopper groove. Further, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an additional stopper groove, since it has been held mere duplication of the essential working parts of a device involves only routine skill in the art. S. Regis Paper Co. v. Bemis Co., 193 USPQ 8.

With respect to claim 21, Lee et al. teaches (Fig. 6,7,8) the slide unit (102) can be selectively slid to an open position where both the first and second key sections of the main unit are exposed, a first position where only one of the key sections is exposed, and a closed position where both the first and second key sections are covered, wherein in the open, first and closed position, a stopper (304) is within a stopper groove (101c).

Mizuta teaches the stopper grooves (101c), except a second stopper groove. Further, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide an additional stopper groove, since it has been held mere duplication of the essential working parts of a device involves only routine skill in the art. S. Regis Paper Co. v. Bemis Co., 193 USPQ 8.

Allowable Subject Matter

2. Claims 1-10 & 11-19 are allowed.

Claims 22 & 23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: Regarding claims 22 & 23, claim 22 recites: "an extension, and a protruding member extending through the extension hole," and claim 23 recites: "rotatable guide bars." These limitations in combination with all remaining limitations of claims are believed to render the claims patentable over the art of record.

Response to Arguments

3. In response to the Applicant's remarks, Mizuta teaches a stopper groove (100c) recessed on a main unit (200) and a plurality of stopper springs (304). See further response in the action above.

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Conclusion

4. THIS ACTION IS MADE FINAL. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ingrid Wright whose telephone number is (571)272-8392. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on (571)272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jun Jea Chaonas LISA LEA-EDMONDS PRIMARY EXAMINER